This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

EXPRESS MAIL LABEL NO. EL 623524529 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/630,263

Filing Date:

July 30, 2003

Applicant:

Milbourne et al

Group Art Unit:

To Be Assigned

Examiner:

To Be Assigned

Title:

IMPACT WRENCH HAVING AN IMPROVED ANVIL

TO SQUARE DRIVER TRANSITION

Attorney Docket:

0275L-000717

Mail Stop Petition Director of the USPTO P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT, PETITION, AND FEE TO DELETE AND/OR ADD TO ORIGINALLY ERRONEOUSLY NAMED INVENTOR(S) IN DECLARATION [37 C.F.R. 1.48(a)]

- 1. This amendment and petition is to correct the incorrect original naming of inventor(s) in the declaration under 37 C.F.R. § 1.48(a) as set forth and filed on July 30, 2003.
- 2. ADDITION AND/OR DELETION OF INVENTOR(S):

\boxtimes	Add	the	following	previously	unnamed	person(s)	as	inventor(s)	of	this
	applic	catio	n.							

INVENTOR NAME: Beverly Kivett

ADDRESS:

10305 College Square

CITY, STATE ZIP: Columbia, Maryland 21044

CITIZENSHIP:

US

Delete the following previously incorrectly named inventor(s)
INVENTOR NAME:
ADDRESS:
CITY, STATE ZIP:

CITIZENSHIP:

(Amendment, Petition and Fee to Delete and/or Add to Original Erroneously Named Inventor(s) in Declaration)

130.00 DA

10630263

3. ATTACHMENTS: Attached is: (a) A statement from: each person being added as an inventor that the error in inventorship occurred without deceptive intention on his or her part. 37 C.F.R. § 1.48(a)(1). each person being deleted as an inventor that the error in inventorship occurred without deceptive intention on his or her part. 37 C.F.R. § (b) A declaration by each of the actual inventor(s) as required by 37 C.F.R. § 1.63 (or as permitted by §§1.42, 1.43, OR 1.47). 37 C.F.R. § 1.48(a)(2). (c) Written assent of the assignee (if any of the original inventors executed an assignment) 37 C.F.R. 1.48(a)(4) (d) Check the following item if all the inventor(s) remaining, after this petition and amendment is accepted, are not the inventor(s) of the subject matter of all the claim(s) now being claimed.) Attached is an explanation of the facts, including the ownership of all the claim(s) being claimed in this application, including the ownership of all the claim(s) at the time the last claimed invention was made (Declaration of Inventorship and Common Ownership of Claims in Application). 4. FEE PAYMENT: (37 C.F.R. § 1.17(i)) The fee required is paid as follows: ☐ Enclosed is a check for \$170.00 (\$130-petition fee; \$40-assignment recordal Charge Account No. 02-2548 for any fee deficiency. ☐ Charge Account No. 02-2548 the sum of \$170.00 (\$130-petition fee; \$40assignment recordal fee). Respectfully submitted, Date: March 31, 2004 By: Ryan W. Massey, Reg. No. 38,543 Harness, Dickey & Pierce, P.L.C.

P.O. Box 828
Bloomfield Hills, MI 48303
248-641-1600

HDP/SB/21 based on PTO/SB/21 (08-00)

#

Please type a plus sign (+) inside this box -> [+]

OIPE			Арр	lication Number		10/630	263
TRANSMITTAL				ng Date		July 30	, 2003
MAR 3 1 2004 FORM				t Named Inventor	r	Milbour	ne et al
to be used for all of	3	nitial filing)	Gro	up Art Unit		to be a	ssigned
Constitution of the contraction			Exa	miner Name		to be a	ssigned
Total Number of Pages	s in This Submission		Atto	rney Docket Numb	oer	0275L-	000717
		ENCLO	SURE	S (check all that ap	ply)		
Fee Transmittal Form Assig			isly red execute			r Allowance Communication to up	
Fee Attached		☐ Drawin	g(s)				eal Communication to Board of eals and Interferences
Amendment / Res	sponse	Licensi	ng-rela	ated Papers			eal Communication to Group eal Notice, Brief, Reply Brief)
After Final		Petition	to Ad	d Inventor (in duplica	ate)	Prop	rietary Information
Affidavits/decl	laration(s)	_		nvert to a pplication		Status Letter	
			Power of Attorney, Revocation Change of Correspondence Address			er Enclosure(s) ise identify below):	
Express Abandonment Request			☐ Terminal Disclaimer ☐ Request for Refund ☐ CD, Number of CD(s)			 	Statement of Lack of Deceptive ntention; Declaration/Power of Attorney; Assent of Assignee; Statement Under 37 CFR 3.73(b); return receipt postcard
Certified Copy of I	Priority	Rema	rks		1		7.0
Response to Miss Incomplete Applic							
Response to I Parts under 3 1.52 or 1.53							
	SIGNA	TURE OF A	APPLI	CANT, ATTORNE	EY, OR	AGEN	Γ
Firm or Harness, Dickey & Pierce, P.L.C Individual name		D. F	Attorney Name Ryan W. Massey			Reg. No. 38,543	
Signature Ryan W.		W	-	Mosey		•	
Date March 31, 2004							
				MAILING/TRANS			
I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.							as express mail in an envelope a, VA 22313-1450, or facsimile
Typed or printed name			Express Mail EV		EV 406 074 855 US (3/31/04)		
Signature Ryon Cul.			N	lossey	Label Da		March 31, 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplication No.:

10/630,263

Filing Date:

July 30, 2003

Applicant:

Milbourne et al

Group Art Unit:

To Be Assigned

Examiner:

To Be Assigned

Title:

IMPACT WRENCH HAVING AN IMPROVED ANVIL

TO SQUARE DRIVER TRANSITION

Attorney Docket:

0275L-000717

Mail Stop Petition Director of the USPTO P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT OF LACK OF DECEPTIVE INTENTION [37 CFR § 1.48(a)(1)]

The inventorship error of failing to include Beverly Kivett as an inventor in U.S. Application No. 10/630,263 occurred without any deceptive intention on the part of the Applicants.

Added [Third] Joint Inventor: Beverly Kivett

Signature;

Date: <u>3/29/03</u>

Residence: 10305 College Square, Columbia, Maryland 21044

Citizenship: US

Post Office Address: 10305 College Square, Columbia, Maryland 21044

DECLARATION AND POWER OF ATTORNEY

Atty. Ref. 0275L-000717

DECLARATION

a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe that I am the original and first inventor or inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IMPACT WRENCH HAVING AN IMPROVED ANVIL TO SQUARE DRIVER TRANSITION

the specification of	f which (check one)
	is attached hereto. or was filed on <u>July 30, 2003</u> as Application Serial No. or PCT International Application No. <u>10/630,263</u> and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)							
APPN. SERIAL NO.	COUNTRY	DATE FILED (MM/DD/YYYY)	PRIORIT Yes	Y CLAIM No			

DECLARATION AND POWER OF ATTORNEY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

I hereby appoint Harold Weinstein, Reg. No. 20613; Edward D. Murphy, Reg. No. 20625; John D. Del Ponti, Reg. No. 24258; Charles E. Yocum, Reg. No. 30121; Bruce S. Shapiro, Reg. No. 33120; Adan Ayala, Reg. No. 38373; Michael P. Leary, Reg. No. 41144; Richard J. Veltman, Reg. No. 36957; and Paul L. Ratcliffe, Reg. No. 45290 of The Black & Decker Corporation, 701 East Joppa Road, Towson, Maryland 21286, telephone (410) 716-3900; and Christopher M. Brock, Reg. No. 27,313, Ryan W. Massey, Reg. No. 38,543, and each principal, attorney of counsel, associate, and employee of Harness, Dickey & Pierce, P.L.C., who is a registered Patent Attorney, my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Customer No. 27572, Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

DECLARATION AND POWER OF ATTORNEY

Full name of sole or first inventor: RODNEY MILBOURNE
Inventor's signature: Laky Millime
Date: 3-29-04
Residence: 652 Milford Court, Abingdon, Maryland 21009
Citizenship: US
Mailing Address: 652 Milford Court, Abingdon, Maryland 21009
Full name of second joint inventor, if any: STEVE DEBELIUS
Inventor's signature: The Line
Date: 2 - 24 - 04
Residence: 2701 Santa Olivia, Mission, Texas 78572
Citizenship: US
Mailing Address: 2701 Santa Olivia, Mission, Texas 78572
Full name of third joint inventor, if any: BEVERLY KIVETT
Inventor's signature:
Date: 3/29/04
Residence: 10305 College Square, Columbia, Maryland 21044
Citizenship: US
Mailing Address: 10305 College Square, Columbia, Maryland 21044

PATENT

MAR 3 1 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

- 3/								
Δinhi	nlı	റാ	tin	n	N	\sim	•	
Αø	יוע	va	u	,,,,	1.4	v		

10/630,263

Filing Date:

July 30, 2003

Applicant:

Milbourne et al

Group Art Unit:

To Be Assigned

Examiner:

To Be Assigned

Title:

IMPACT WRENCH HAVING AN IMPROVED ANVIL

TO SQUARE DRIVER TRANSITION

Attorney Docket:

0275L-000717

Mail Stop Petition Director of the USPTO P.O. Box 1450 Alexandria, VA 22313-1450

ASSENT OF ASSIGNEE TO CORRECTION AND/OR ADDITION OF INVENTOR(S)

	of Assignee: Black ss of Assignee: 1207			rk, DE 1971	1	
Assigr	nment					
	recorded on recorded herewi	L	/Frame].		
	☐ A separate Assiç ☐ Copy of Form P				nt is attached.	
Assignee hereby assents to the correction of inventorship filed ⊠herewith. □on .						

A Statement Under 37 C.F.R. § 3.73(b) is attached.

Dated: 3/29/04

Michael P. Leary, Group Patent Counsel

(type name and title of person authorized to sign on behalf of ASSIGNEE)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDE	R 37 CFR 3.73(b)					
Applicant/Patent Owner: Rodney Milbourne, et al.						
	ed/Issue Date: July 30, 2003					
Entitled: Impact Wrench Having and Improved Anvil to Square						
Black & Decker Inc. , a Delaware	e Corporation					
· · · · · · · · · · · · · · · · · · ·	nee, e.g., corporation, partnership, university, government agency, etc.)					
states that it is:						
1. the assignee of the entire right, title, and interest;	or ·					
2. an assignee of less than the entire right, title, and						
The extent (by percentage) of its ownership interest is % in the patent application/patent identified above by virtue of either:						
A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel n/a , or for which a copy thereof is attached.						
OR						
B. A chain of title from the inventor(s), of the patent applica shown below:	tion/patent identified above, to the current assignee as					
1. From: To:						
The document was recorded in the United States P						
Reel, Frame, or for which a copy there	eof is attached.					
2. From: To:						
The document was recorded in the United States P	atent and Trademark Office at					
Reel, Frame, or for which a copy there	eof is attached.					
3. From: To:	_					
The document was recorded in the United States Program or for which a copy there						
Reel, Frame, or for which a copy there	eor is attached.					
☐ Additional documents in the chain of title are listed of	on a supplemental sheet.					
□ Copies of assignments or other documents in the chain of t [NOTE: A separate copy (i.e., the original assignment documents be submitted to Assignment Division in accordance with recorded in the records of the USPTO. See MPEP 302.8]	ment or a true copy of the original document)					
The undersigned (whose title is supplied below) is empowered	to sign this statement on behalf of the assignee.					
MeVCh February 9, 2004	Michael P. Leary					
Date	Typed or printed name					
(410) 716-2773	Michael Pileon					
Telephone Number	Signature					
	Group Patent Counsel					
	Title					

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 1450.





UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 23, 2004

HARNESS, DICKEY & PIERCE, P.L.C. CHRISTOPHER M. BROCK P.O. BOX 828 BLOOMFIELD HILLS, MI 48303





UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/30/2003

REEL/FRAME: 014353/0715

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MILBOURNE, RODNEY

DOC DATE: 07/09/2003

ASSIGNOR:

DEBELIUS, STEVE

DOC DATE: 07/10/2003

ASSIGNEE:

BLACK & DECKER INC. DRUMMOND PLAZA OFFICE PARK 1423 KIRKWOOD HIGHWAY NEWARK, DELAWARE 19711

SERIAL NUMBER: 10630263

PATENT NUMBER:

FILING DATE: 07/30/2003

ISSUE DATE:

014353/0715 PAGE 2

VIOLET MCCOY, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

	`ttor / Docket No. 0275L-000717
Form PTØ-1595 R (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commission. 10252061	attached original documents or copy thereof.
1. Name of conveying party(ies): Rodney MILBOURNE Steve DEBELIUS	2. Name and address of receiving party(ies) Name: Black & Decker Inc.
Apr carred	leternal Address:
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	Internal Address:
3. Nature of conveyance:	Street Address: Drummond Plaza Office Park
⊠ Assignment	1423 Kirkwood Highway
☐ Security Agreement ☐ Change of Name	City: Newark State: DE Zip: 19711
Other Execution Date(s): <u>July 9, 2003; July 10, 2003</u>	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
Additional numbers at	tached? Yes No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and/or patents involved: 1
Name: Christopher M. Brock	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address: Harness, Dickey & Pierce, P.L.C.	☐ Enclosed
	Authorized to be charged to deposit account
Street Address: P.O. Box 828	8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 02-2548. A duplicate
City: Bloomfield Hills State: MI Zip: 48303	
DO NOT US	E THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing informs is a true copy of the original document. Ryan W. Massey Name of Person Signing	mation is true and correct and any attached copy W. Massey 7-30-03 Signature Date
,	cover sheet, attachments, and documents:
rotal number of pages including	cover sneet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignments, Director of the U.S. Patent and Trademark Office
10630263 P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

For valuable consideration, the receipt of which is hereby acknowledged by me/us, the undersigned, hereinafter referred to collectively as Assignor, does hereby sell and assign to BLACK & DECKER INC., a corporation organized and existing under the laws of the State of Delaware, U.S.A., having its principal place of business at Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, Delaware 19711, U.S.A., its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest in and to the IMPROVEMENTS IN:

IMPACT WRENCH HAVING AN IMPROVED ANVIL TO SQUARE DRIVER TRANSITION

invented by me and the United States Patent application Serial No. . filed therefor. executed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents, Utility Model Registrations, and Inventor's Certificates in countries foreign to the United States, and in and to any Letters Patent, Utility Model Registration, or Inventor's Certificate which may be granted thereon in such foreign countries, including all priority rights under the International Convention associated therewith for each country of the Union, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent, Utility Model Registration, or Inventor's Certificate to the said BLACK & DECKER INC., its successors, assigns, nominees, or other legal representatives, as assignee of the entire interest, and covenant that I have full right to convey the entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Corporation, its successors, assigns, nominees, or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when said BLACK & DECKER INC., its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, I/we will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and I/we further covenant and agree that I/we will, at any time upon request, do everything legally possible to aid said Corporation, its successors, assigns, nominees. or other legal representatives, either in its or their own name, to apply for, obtain, and enforce patent, Utility Model, and/or Inventor's Certificate protection for said improvements in all countries. all without further consideration but at the expense of said BLACK & DECKER INC., its successors, assigns, nominees, or other legal representatives.

RODNEY MILBOURNE	Date: 7-9-03
WITNESSES:	
× MDI	x Ban Plat
	<i>3</i>
Date: 7-9-03	Date: 4/9/63

FAX:

Atty. Ref. 0275L-000717/US

They Debeller STEVE DEBELIUS

Date: 07/10/03

WITNESSES:

x Stario Glas

Date: 7/28/03